



**COUNTY OF ERIE**  
**DEPARTMENT OF ENVIRONMENT & PLANNING**  
**DIVISION OF SEWERAGE MANAGEMENT**  
**\*\* MEMORANDUM \*\***

MARK C. POLONCARZ  
COUNTY EXECUTIVE

MARIA R. WHYTE  
COMMISSIONER

JOSEPH L. FIEGL, P.E.  
DEPUTY COMMISSIONER

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**FROM:** Joseph L. Fiegl, P.E. – Deputy Commissioner *JS*  
**TO:** Erie County Sewer District (ECSD) No. 3 Board of Managers  
**DATE:** November 26, 2013  
**RE:** Potential Elma Pumping Station Improvements

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On October 31, 2013, the Erie County Division of Sewerage Management (DSM) met with representatives from Steuben Foods regarding recent studies conducted by Arcadis to evaluate the Elma Pumping Station. During the course of this meeting, the following items were specifically discussed:

- Steuben Foods stated that their preferred option from the Arcadis reports was “Alternative 2”, which included the installation of the third positive displacement pump to provide redundancy at the Elma Pumping Station for a peak instantaneous flow of 1.0 million gallons per day (mgd). Included as part of these improvements would be an expansion of the existing pumping station building. Total estimated capital costs are \$427,000. This does not include engineering fees. The DSM noted that any of the options presented in the Arcadis reports seem feasible and would be something the County could work with.
- The DSM noted that the project from the date of decision through full implementation could take approximately two (2) years. Steuben Foods noted that they would like to condense this timeframe where practical. To expedite this process, the DSM is currently investigating completing the design phase services through a term contract assignment, if feasible.
- Steuben Foods would be responsible for the costs associated with the improvements and therefore, has requested flexibility with respect to repayment. Specifically, Steuben Foods has asked that “any required payments be deferred for as long as possible and we prefer that the payment schedule requires the smallest possible payments spread over the maximum allowable period of time.”
- The DSM noted that if this project were to proceed, Steuben Foods bill would increase based on the following components:
  - Incremental increases in unit charges and surcharges (BOD, suspended solids, phosphorus) based on increased flows and pollutant loadings
  - Tap-in fees (\$1.25 / gallon for annual average flows over and above the previous annual average)
  - Costs associated with pumping station improvements
  - Any increases in operation/maintenance expenses
- Other items discussed:
  - Odor complaints – the DSM is to keep Steuben Foods in the loop on this item. Steuben Foods has stated that adjustments to their chlorine dioxide system can be made to address this if need be.

*Item 5(a)*

- Flows/pressure – concerns about decreased flows and very high pressures have been somewhat alleviated from what had occurred earlier in 2013. Having the portable bypass pump at the site as a backup has provided good “insurance.”
  - Pictures of “fouling” (precipitate scaling) on pump station components were shown to Steuben Foods. Steuben Foods to discuss with their chlorine dioxide representative.
- It was noted that the next step for the DSM is to discuss this matter with the ECSD No. 3 Board of Managers at their December 11, 2013 meeting. Some sort of memorandum of understanding or new agreement will be necessary to finalize several of these details.